



Tactical Automated Mission Planning System

28 March 1997

<http://tamps6.mugu.navy.mil:1080>

CAPTAIN's CORNER

by CAPT Ted Spilman

Right up front I want to congratulate and offer my, "Well done!" to the F/A-18E/F team. They received approval from Dr. Kamanski to proceed to LRIP this week. Such milestones are major events in our product as well, and we are looking forward to a long and productive future with the Super Hornet customers!

TAMPS continues forward at breakneck speed! Most notable is the 6.1 testing that is still progressing and on schedule with not showstoppers at present. It is an intense time as we get closer to OTRR, since there is less time to resolve issues, should any arise. We remain confident in the program office and are proud of the progress.

Our TAMPS 2000/7.0 architecture effort is moving well under Ms. Lopez-Estrada's leadership. Regular meetings with our AFMSS counterparts is proving fruitful. On 3 April, we shall lock up our combined approach and gameplan. Likewise, the ATIMS project continues to show great future potential to Mission Planning and management for the battlefield of tomorrow. This week's synthetic environment demo at Boeing gave the team a great chance to get direct fleet input at an early stage.

Our press for the next couple of weeks will include the SLAM shot this week with 6.0.5 build 6, continuing toward 6.1 release, briefing the sponsors for approval to proceed with our TAMPS 2000 plan, and preparing for the joint strategy session at the Pentagon on 7 April. The OTRR and OAG later in April are also big drivers in our future efforts.

I know it doesn't seem that the individual collective efforts are noticed and appreciated, since as soon as we have a success we immediately plunge into a bigger job.

However, your solid work and top notch products are paying off by convincing our sponsors that TAMPS can be trusted to build the systems of the future. The PR99 budget efforts are looking very positive to providing TAMPS the long awaited stability we need to execute our program. This could not have happened without you. Thank you, and....Take Sunday off!

Spunk

UPCOMING MAJOR EVENTS

31 Mar	ESC @ NC1 Rm 5500
3 Apr	6.2 Engineering Offsite @ Lockheed Martin in Camarillo
7 Apr	Joint Strategy Session @ Pentagon
8-9 Apr	IMPWG @ San Diego
15 Apr	6.2 PDR @ PM
16 Apr	6.1 Pre-OTRR @ NAVAIR
16 Apr	E-2C FMS Baseline Peer Review
21 Apr	N-PFPS TIM @ Eglin
22 Apr	6.1 OTRR @ NAVAIR, JP-2 Rm 110 (@ 1000)
28 Apr	
2 May	OAG @ NSAWC Fallon
13 May	ESC @ NAVAIR

TAMPS HIGHLIGHTS

Fleet Users Interface Working Group - Pt. Mugu

by LT Noyes

A FUIWG was held at Pt Mugu on 26-27 March. HMI STRs and new SORs were reviewed 26 March. Discussion was productive and flowed smoothly. As expected, we got mired down a bit on MP-LAN implementation with regard

to User Accounts, Missions, and printers. Also had some heavy discussion on MIDB 2.0 size requirements. Otherwise kept on track, got some good inputs on the HMI, and finished ahead of schedule.

The morning of 27 March was dedicated to JSIPS-N and TAMMAC HMI; the afternoon was spent prioritizing the STR list that was generated since the last FUIWG through coordinated efforts of class desk, Fleet Liaison Officer, VX-9, and the engineering team. This prioritized list will be run by the IPT one last time to ensure we haven't missed anything before it becomes a frozen list at PDR.

Seven Phases of a Products Life Cycle

by Joe Keim

Early this week Bob Anderson, SSA Level 3 Lead, presented a process of managing and presenting TAMPS products to the Level 2 Hardware and Software IPTs. The presentation, Seven Phases of a Products Life Cycle, was specifically tailored for TAMPS.

The seven phases are generic across all product lines.

- Requirements Definition
- Design
- Development
- Verification
- Validation
- Operational Test
- Fleet Support

By presenting a rolled-up schedule of TAMPS products, we will be able to more easily identify schedule/program interdependencies and track progress towards significant milestones.

We will be presenting a brief description of each phase in future TAMPS Status Reports.

TAMPS PRODUCTS

TAMPS 6.1

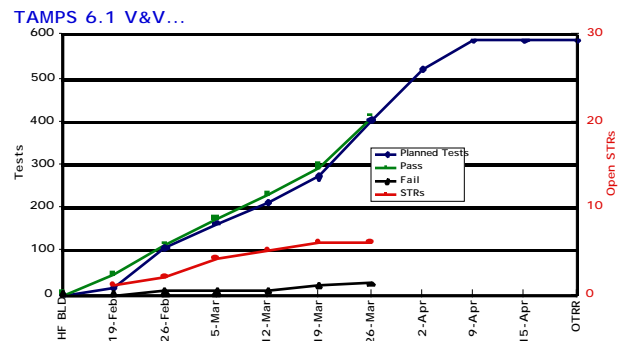
by Kathey Bailey/Jim Mueksch

Systems Engineering

Performing engineering research in response to flight clearance requests for early release to CVW-1 training and HSL-2 deployment. Preparing analysis and disposition of higher priority STRs in preparation for 22 April OTRR.

Testing

Regression testing continues as scheduled on the hard freeze build. SOT and thread testing are complete. No show stopper problems have been found while testing the hard freeze build at Pt Mugu. We plan to complete V&V tests the week of 9 April. Also, we are collecting TEMP threshold data for the OTRR. The 6.1 V&V Test Report is underway (based on data collected). A recompile of MPMs for the OT build was completed 26 March, initial distribution is planned for 28 March.



In-Service Support Engineering

Integration. USS Constellation, CV-64: Performing DTC-2 hard drive and CD-reader upgrade. Also providing pre-deployment training. USS Independence, CV-62: Received a message requesting replacement laser jet printer. Replacement part acquisition in progress. USS George Washington, CVN-73: Preparing to perform CSRR and DTC-2 hard drive and CD-reader upgrade 8-28 April. USS Kennedy, CV-67: Preparing to perform hard drive and CD-reader upgrade before 15 April.

TAMPS 6.1.1

by Kathey Bailey/Jim Mueksch

In-Service Support Engineering

Logistics. Defined Maintenance philosophy for Ultra-2 and presented at the Hardware IPT.

Engineering. Developing TAMPS hardware drawing packages. Received direction at hardware IPT to submit top level drawing packages for TAMPS configurations by 14 April. We are continuing efforts on Ultra 2 integration. Supported hardware IPT kickoff meeting. Discussed integration and temperature testing issues and requirements. Efforts continue on the DTC-2 Replacement Study and Server Analysis. Coordinating this effort with the new hardware IPT.

Integration. We are continuing efforts to accomplish warranty repairs on Ultra 2 systems. One previously repaired item has failed and is awaiting repair.

TAMPS 6.2

by Dave Vennemann/Sandy Long

Programmatics

A FUIWG met to review the proposed screens for 6.2 SORs. All SORs, except F-18 RECCE (awaiting funding), are being worked. Participated in the second of three TAMMAC peer reviews Also, attended the JSIPS-N SRR.

John Seybold is doing an independent assessment of the TAMMAC design and how difficult it will be to integrate it. The second portion of this study is to estimate reusability of TAMMAC in TAMPS 7.0/2000.

Systems Engineering

Provided FUIWG approval of STR focus and definition of display interfaces.

Testing

TAMMAC

by Richard Busse

The second TAMMAC high level design peer review was held at Point Mugu. Some concern was expressed by the Core team about the object oriented design methodology which is used by MDA to develop the TAMMAC CE.

We have employed an independent expert in software development to look at the Core and Core Extension teams approaches to developing and integrating CE's to address the design methodology and reuse issues of concern to the TAMPS Core team,

Also this week, we participated in the TAMPS 6.2 FUIWG.

Finally, we have proposed a compromise to address concerns of the TAMPS Core and Core Extension teams with regard to MPM interfaces. The essence of this compromise is that the interface code required to pass data between MPMs and the TAMMAC Core Extension would be written by MDA in C and delivered to TAMPS Core with an API tester before Core Freeze for Core integration. Once the code is delivered, the Core team will assume integration and maintenance responsibility for the code. This compromise has been accepted by the Core team and we are waiting final acceptance from MDA/TAMMAC program management. This will be forwarded to PMA-209 for agreement if it is technically acceptable to all parties.

TAMMAC UPCOMING EVENTS

1 April TAMPS/TAMMAC TIM #4

2 April TAMMAC CE High Level Peer Review #3

TAMPS 7.0

by Micheline Lopez-Estrada/Dave Pearson

Systems Engineering

Developing Systems engineering strategy of joint development portion for concurrence of Air Force AFMSS Program office.

N-PFPS. Published Systems Engineering strategy for support of Navy PFPS issuance and interim integration into TAMPS.

Testing

The technical team continued to work on schedule, short term tasking issues, and follow up on items from the meetings last week with PMW-171 and several contractors. Additionally, we are looking in to development and requirements management tooling.

Tuesday an overview briefing on the new architecture was given to the CCPL contractors at Hanscom AFB. A similar briefing will be given at Pt. Mugu during the week of 7 March to the TAMPS 6 team.

A working level meeting was held in PMA-233 spaces Wednesday and Thursday with the USAF on programmatic issues. A primary source of concern remains the progress being made on JMTK, the MCG&I package for GCCS.

FOREIGN MILITARY SALES

by Oreta Stinson/Paola Carrasco

Delivered the modified MIIDS IDB data schema to DIA for review and approval. To expedite the review process, the point of contact at DIA was notified of the incoming data and Faxed a copy of the accompanying letter. We anticipate the review process will go smoothly.

The 6.1.1U FMS development baseline has been established on the Ultra Sparc system. Preliminary checkout of the modified TAMPS core code turned up some issues which were quickly resolved. The goal is to have the preliminary version of the FMS 6.1.1F baseline established by the end of April.